

Winter Tree Identification

Arrangement

Size

Pith

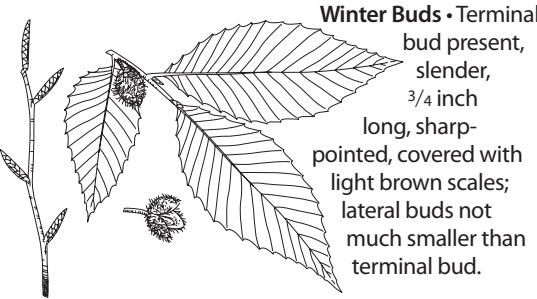
Buds

Bud Scales

BEECH • *Fagus grandifolia*

Bark • Smooth, close, steel gray in color, easily recognized by this character.

Twigs • Slender, zigzag, smooth, shining reddish brown in color becoming gray on older twigs.



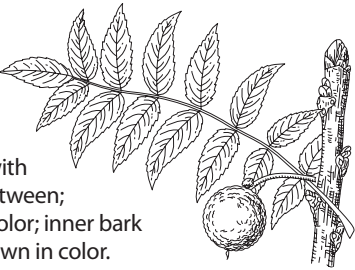
Winter Buds • Terminal bud present, slender, 3/4 inch long, sharp-pointed, covered with light brown scales; lateral buds not much smaller than terminal bud.

BLACK WALNUT • *Juglans nigra*

Bark • Thick, dark, deeply furrowed with rounded ridges between; grayish brown in color; inner bark dark chocolate brown in color.

Twigs • At first hairy, later smooth, stout, brittle, orange brown in color, cream-colored chambered pith.

Winter Buds • Terminal bud pale, downy, scarcely longer than broad, blunt-pointed, less than 1/3 inch long; lateral buds less than 1/6 inch long.



SASSAFRAS • *Sassafras albidum*

Bark • Reddish brown in color, deeply furrowed even in young trees, with flat-topped ridges crossed by horizontal cracks; inner layers bright cinnamon red in color.



Twigs • Slender, brittle, spicy to smell, at first light yellowish green in color, later becoming reddish brown.

Winter Buds • Terminal bud present, from 1/3 to 3/5 of an inch long, pointed, greenish in color; lateral buds much smaller.

SHAGBARK HICKORY • *Carya ovata*

Bark • Light gray in color, smooth and seamy, becoming shaggy with age and peeling off into long strips which are loose at both ends and attached in the middle.

Twigs • Covered with numerous light dots, extremely tough and pliable, reddish brown to gray in color.

Winter Buds • Large, ovate, blunt-pointed, with papery, dark brown, loose bud scales, the outer scales much darker, persistent through the winter; terminal bud usually more than 1/2 inch long.

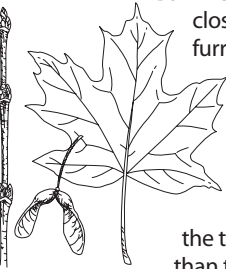


SUGAR MAPLE • *Acer saccharum*

Bark • On young trees dark gray in color, close, smooth, and firm, becoming furrowed into long irregular plates lifting along one edge.

Twigs • Slender, shining, the color of maple sugar.

Winter Buds • Very narrow, sharp-pointed, brown in color, the terminal buds much larger than the laterals.



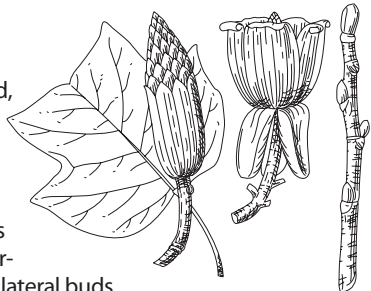
TULIPTREE • *Liriodendron tulipifera*

Bark • On young trees, smooth, ashy gray or brown in color; on older trunks, light gray to brown, thick, distinctly and regularly furrowed and ridged.

Twigs • Smooth, shiny, rather stout, reddish brown in color, often branching the first year, aromatic odor, very bitter taste.

Winter Buds

• Terminal bud smooth, flattened, about 1/4 inch long, simple, blunt, covered by two reddish brown bud scales giving the appearance of a mitten; lateral buds similar but much smaller.



WHITE OAK • *Quercus alba*

Bark • Ashy gray in color, broken by shallow furrows into long, irregular, thin scales which readily flake off; on old trunks furrows frequently become deep.

Twigs • Medium in thickness, greenish red to gray in color, smooth, sometimes covered with a bloom.



Winter Buds • Clustered at end of twigs, blunt, reddish brown in color, 1/8 inch long.

Tree I.D. information courtesy
The Resource Center of
Cornell Cooperative Extension.
www.cce.cornell.edu/store



Animal Tracks and Winter Tree Identification Guide



